Apr 6th, 9:15 AM

Keynote Presentation: Data Work: Research Data Services in Canada & the U.S.

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Data Work: research data services in Canada & the U.S.
UMASS & New England Area Librarian e-Science Symposium
April 6, 2016

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<table>
<thead>
<tr>
<th>Policy Formation</th>
<th>Education &amp; Outreach</th>
<th>Data Analysis &amp; Training</th>
<th>Tools &amp; Infrastructure</th>
<th>Collaborations (internal &amp; external, regional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web, 1 What is Covered</td>
<td>Consultation &amp; Instruction (DMP, etc.)</td>
<td>Processing &amp; Analysis</td>
<td>Deposit, Repositories, Storage</td>
<td>DMPtool/builder (shared tool)</td>
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<tr>
<td>Admin, 2 RDS Services Offered</td>
<td>RDS Strategic Plan</td>
<td>Information Consultation (DMP, metadata, reference, training)</td>
<td>Technical Services (RDS systems, preparing de</td>
<td>RDS &amp; Research Collaboration</td>
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<tr>
<td>Librarians, 3, 4 RDS roles</td>
<td>Policy &amp; Advocacy</td>
<td>Support &amp; Training (librarians &amp; researchers)</td>
<td>Auditing &amp; Data Repository (technical support)</td>
<td>Research Collaborator</td>
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<tr>
<td>Researchers, 5 What they want</td>
<td>Social Science, GIS, Bioinformatics, Visualization</td>
<td>2/3+ preserve, organize and manage their own data</td>
<td>10% or less rely on libraries (&amp; publishers)</td>
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Data Service or Data Collaboration?

- **Data Service**
  - emphasizes & privileges central role of certain types of
    - traditional research &
    - researchers in academia

- **Data Collaboration**
  - emphasizes & privileges central role of certain types of
    - traditional research & potentially emergent forms and digital methodologies
    - librarians as researchers in academia
    - OR as data workers contributing something of different buy equal value (curation, digital platform or database creation, etc.)

For more on influence of this shift within DH and T&P, value of ‘data curation’ projects see Siddiqui N. (2015) *Data Assemblages: A Call to Conceptualize Materiality in the Academic Ecosystem* in DHQ: Digital Humanities Quarterly, 9(2).
Other Models of Collaboration

- Digital Scholarship or Humanities Centers
- Archives & Special Collections
- Researcher/Society Databases & Data Collections
- Museum Collections
- Data Liberation Initiative
- Social Science Data Archives
What is Digital Infrastructure? How Does Infrastructure Impact Research?

- Industry/Corporations
- Professional Associations
- Super Computing
- Data/Digital Laborors
- Legal & Policy Frameworks
- Fiber-optic Networks
- Electric Grid
- Regional Consortia
- National Funders
- Data / Knowledge Workers
Political & Economic Context

- National Funders
- Science & Educational Policy
- Globalization 2.0
- Culture Wars
- Reagonomics
- Open Access Movement
- Transnational ‘Entities’

- Fall of Berlin Wall
- OECD Signatories
- Neoliberal Governance
- Deregulation
- International Treaties
Futures?

- More People, Professions, Interests
- Context & Scale
- Political and Economic Factors
- Privacy and Data Ethics
- Data as commodity
- Data Work/Digital Labor
- Power Relations in Infrastructure and Data Assemblages
Who defines the problem and decides on the solution? Who is missing from the conversation?
Works cited


Kouper, Inna et. al. (forthcoming) (Research Data Services Maturity in Academic Libraries.


Thank you!

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